

Polarization Maintaining Isolator

1410nm

Features

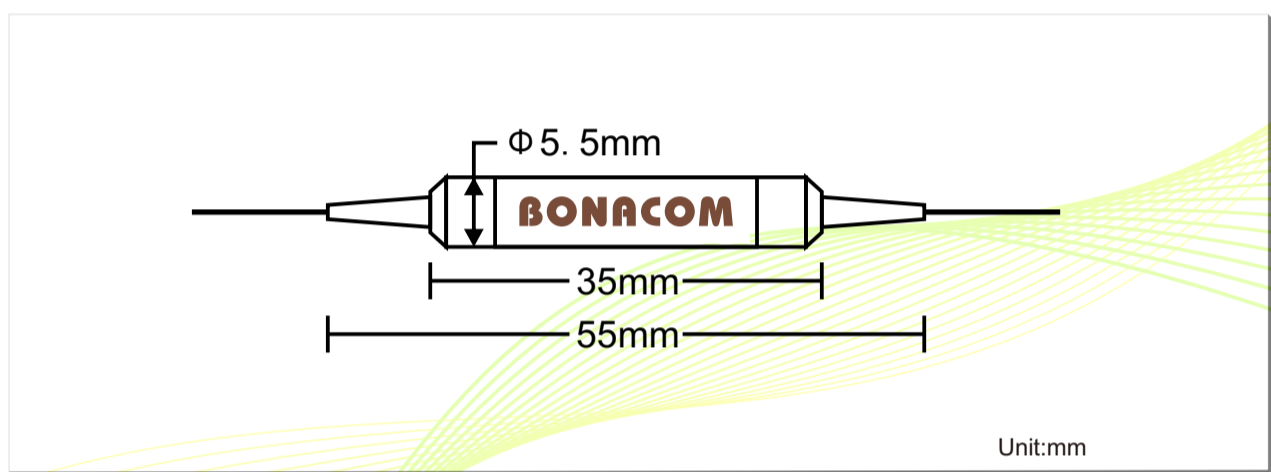
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation
- High Stability & Reliability

Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensor
- Research



Package Dimensions



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Bonacom Technology reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1410
Operating Wavelength Range	nm	±70
Typ.Peak Isolation at 23°C	dB	35
Min.Isolation at 23°C	dB	22
Typ.Insertion Loss at 23°C	dB	1.2
Max.Insertion Loss at 23°C	dB	1.5
Min.Extinction Ratio(only for B type)	dB	18
Min.Extinction Ratio(only for F type)	dB	22
Min.Return Loss (input/output)	dB	50/50
Max.Optical Power(CW)	mW	300
Max. Tensile Load	N	5
Fiber Type	-	PM Panda Fiber
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;
 The default connector key is aligned to slow axis;

Ordering Information

PMIS-1111-234-55

1111	-Center wavelength:	1410=1410nm.....
2	-Axis alignment	F=Slow axis working Fast axis blocked, B=Both of axis working
3	-Pigtail type:	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube
4	-Fiber length:	0=0.8m,1=1m
55	-Connector type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

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